

**SYSTEM AND METHOD FOR EFFICIENTLY IMPLEMENTING
AN ELECTRONIC DEVICE ARCHITECTURE**

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ABSTRACT OF THE DISCLOSURE

A system and method for efficiently implementing an electronic device architecture preferably includes a primary device that is configured to perform core operating functions in the electronic architecture, an auxiliary 10 device that is configured to perform selected additional operating functions in the electronic architecture, a primary channel configured for performing communications procedures between the primary device and the auxiliary device, and an auxiliary channel configured for performing data transfer operations between the primary device and the auxiliary device. The 15 communications procedures over the primary channel and the data transfer operations over the auxiliary channel may preferably occur in a concurrent manner.